

Colloids and Surfaces
A: Physicochemical and Engineering Aspects 125 (1997) 245

Author Index

Akhter, M.S., 109	
Al-Ghamdi, A.M.,	5
Amhamdi, H., 1	
Anton, R., 131	
Arifin, Z., 149	
Attia, A.A., 163	

Babich, I.V., 225 Benito, I., 221 Buess-Herman, C., 1 Burns, J.L., 231 Busscher, H.J., 85

Catarino Fernandes, A., 209 Chang, Y.-I., 137

Dai, L., 27 Delisio, R.F., 95 Dumont, F., 1 Dzombak, D.A., 95

El-Nabarawy, T., 163 Evanko, C.R., 95

Filipović-Vinceković, N., 115

García, M.A., 221 Goda, B., 63 Goldraich, M., 231 Grahek, Z., 115 Günthner, A., 201 Haïdara, H., 155 Hamieh, T., 155 Henkelmann, B., 201 Hou, W., 181 Hou, X., 27 Hussein, G.A.M., 63

Ishikawa, T., 53

Janssen, J.J.M., 189 Juranović, I., 115

Kandori, K., 53 Kettrup, A., 201 Khan, M.N., 149 Korban, H., 63 Krysztafkiewicz, A., 121

Lahaniatis, E., 201 Li, W., 27

Marina, M.L., 221 Matijević, E., 47, 171 Miyaji, K., 63 Monge, C., 221 Moulijn, J.A., 225 Murray, B.S., 73

Nardin, M., 155 Nasr-El-Din, H.A., 5 Noordmans, J., 85 Novak, J.W., Jr. 95

Papadopoulos, K.D., 181 Plyuto, I.V., 225 Plyuto, Y.V., 225 Pozarnsky, G.A., 47 Prins, A., 189 Pugh, R.J., 33

Rager, B., 121 Rageul-Lescouët, M., 155 Rutland, M., 33

Salager, J.-L., 131 Saraçi, M., 201 Saz, J.M., 221 Schramm, K.-W., 201 Schultz, J., 155 Schwartz, J.R., 231

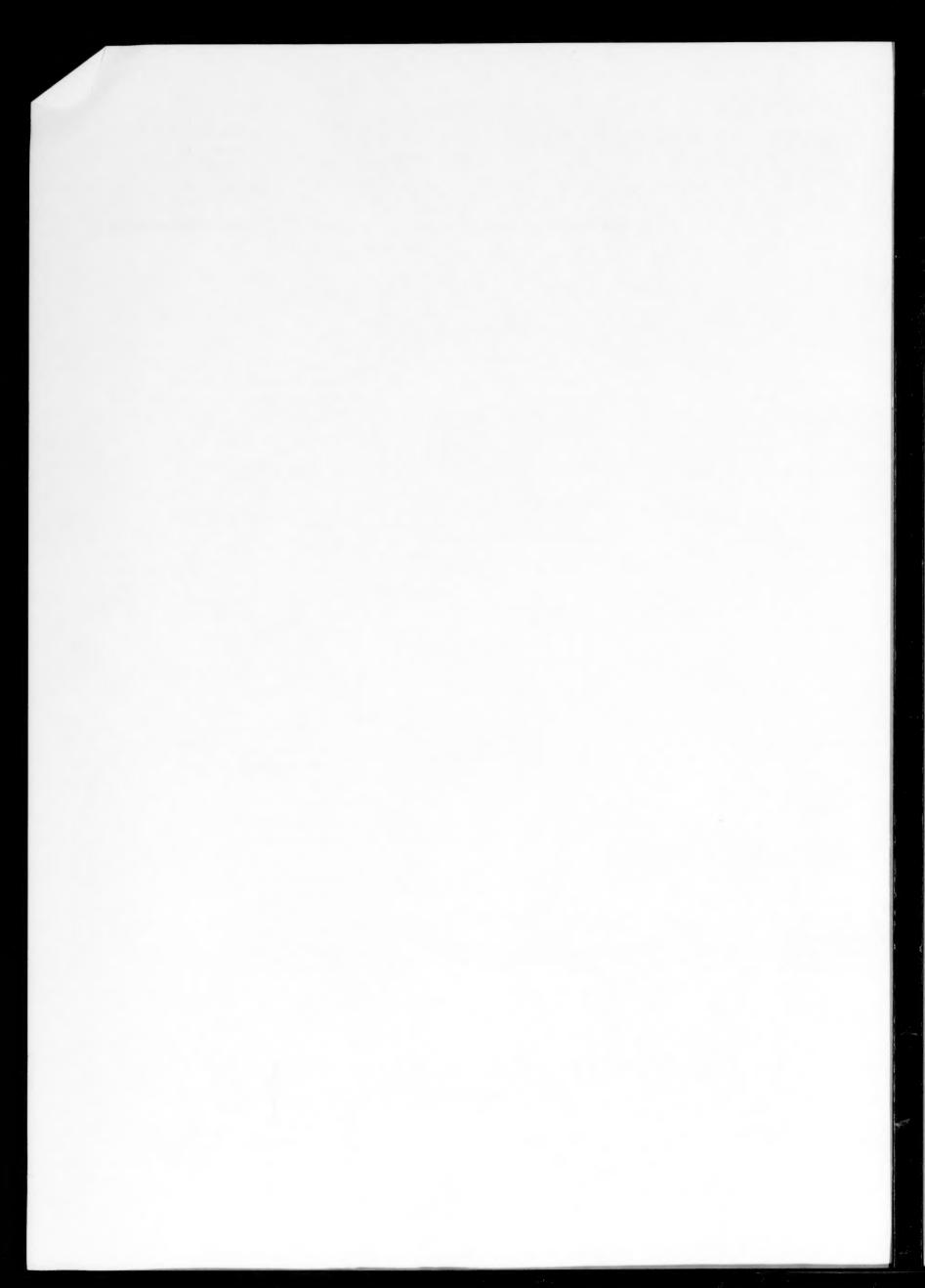
Talmon, Y., 231 Tanaka, H., 53

Valagão Serro, A.P., 209 Van Langeveld, A.D., 225 Vieira Saramago, B. de J., 209

Whang, J.-J., 137 Williams, A., 189 Wit, P.J., 85

Yasukawa, A., 53 Youssef, A.M., 163 Ysambertt, F., 131

Zaki, N.N., 19 Zelenev, A., 171





Colloids and Surfaces
A: Physicochemical and Engineering Aspects 125 (1997) 247–248

Subject Index

Acetamide, 109
Acetonitrile-water solvents, 149
Acid-base interactions, 155
Adhesion of particles, 171
Adsorption of H₂O, 53
Adsorption of polymers, 163
Aggregation, 225
Alkyl phosphate, 53
Alumina, 95
Aluminas, 163
Aromatic oil, 131

Biological model fluids, 209 Brownian particles, 137

Calcium hydroxyapatite, 53
Calcium soaps, 33
Cationic micelles, 149
Cetyltrimethylammonium bromide (STAB), 221
Cloud point, 5
Coagulation, 33
Collection efficiency, 137
Colloidal naproxen, 47
Conductivity, 109
Critical micellar concentration, 221
Critical micelle concentration, 109
Cryo-transmission electron microscopy, 231

Decomposition, 63
Deinking, 33
Demulsification, 19
Deposition of hematite, 171
Desorption, 73
Detachment of particles, 171
Dilatational, 73
Dispersion, 95
Dispersions of drugs, 47
DLVO theory, 137
Dodecylammonium chloride, 115
Donor and acceptor numbers, 155
Droplet break-up, 189

Drugs monodispersed, 47 DTA, 63 Dy-Nitrate, 63 Dy-Oxide, 63 Dynamic contact angles, 209

Elastomer filler, 121 Emulsion stability, 181

Flotation, 33 Fly ash, 201 Formation, 63 Fumed alumina, 225 Fumed silica, 225

Gas-Mass, 63

α-Haematite hydrosols, 1 HLB value, 27

IGC, 155
Image analysis, 85
Interfaces, 73
Interfacial rheology, 189
Intramolecular general base catalysis, 149
Ionic adsorption sequence, 1
Ionic surfactants, 231
Iron oxide on glass, 171
IR spectrum, 53

Kinetics, 149

LAS-solutions, 201 Light microscopy, 231 Liquid/vapour and solid/liquid interfacial tension, 209 Liquid membranes, 181

Methanolysis, 149 Micellar systems, 221 Micelles, 109, 221 Microelectrophoresis, 85 Microemulsion, 131
Milk proteins, 189
Miniemulsion, 27
Mixed micelles, 115
Mixed monolayers, 115
Molybdenum(VI) oxo-species, 225
Monolayers, 73
Multiple emulsions, 181

Naproxen, 47 Nonionic surfactants, 5, 27

Oil-in-water emulsions, 19

Particle adhesion, 171
Particle deposition, 85
Particle tracking, 85
PCDD/F, 201
Phase behaviour, 131
Phase separation, 5
Phenyl salicylate, 149
Polyelectrolytes, 231
Polymer/surfactant interactions, 231
Porosity, 163
Porous structure, 121
Precipitated silica, 121
Proteins, 73

SEM, 63
Simple shear flow, 189
Sodium dodecyl sulfate (SDS), 221
Solubilization, 201
Stability, 1, 19, 95
Surface area, 163
Surface forces, 33
Surface modification, 53, 225
Surface tension, 109
Surfactant, 131
Surfactant mixtures, 115
Surfactants, 121, 221

Tetradecyl-ammonium chloride, 115 TG, 63 Titanium substrates, 209 Toothpastes, 121

Urea, 1

Viscosity, 19, 95 Viscous crude oil, 19

Water, 95 Water structure, 1

XRD, 63

